

Drinking Water Quality Report



Prepared for:

Shelby County Schools
160S Hollywood Street,
Memphis, TN 38112

November 7, 2017



FISHER ARNOLD
ENGINEERING INTEGRATION

9180 Crestwyn Hills Drive, Memphis, TN 38125
901.748.1811 www.fisherarnold.com

**REPORT OF
DRINKING WATER QUALITY**

**CONDUCTED AT
SHELBY COUNTY SCHOOLS
(VARIOUS LOCATIONS)**

FA PROJECT No: G10714

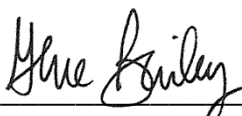
November 7, 2017

PREPARED BY



**Darren Lippert
HSE Project Manager**

REVIEWED BY



**Gene M. Bailey, PE
Director of Environmental Operations**

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1.0 PROJECT SUMMARY

Fisher & Arnold, Inc. (FA) was retained by Shelby County Schools (SCS) to conduct drinking water sampling and testing at selected school locations. The objective of this report is to document the testing of total lead in drinking water at up to seven locations within seventy-five (75) selected Shelby County Schools (SCS) in Memphis, Tennessee on October 9-10, 2017.

As summarized in the following sections, laboratory analysis showed that the majority of samples analyzed (65.1%) were below the Method Quantitation Limit (MQL) for total lead. One hundred and seventy-one (171) of the samples analyzed (32.8%) produced results in the range above the Method Quantitation Limit (MQL) but below the Environmental Protection Agency (EPA) action level for total lead. Eleven (11) samples (2.1%) produced results greater than the Action Level for total lead of 15 micrograms per liter. These eleven samples represent 10 separate schools of the 75 schools where drinking water samples were collected for analysis.

2.0 INTRODUCTION

2.1 Project Background

Safe drinking water is essential for the protection of public health. In their 2016 Water Quality Report Memphis Light Gas and Water, who supply SCS with potable water, boast results which surpass State and Federal drinking water regulation requirements. Shelby County Schools commissioned FA to investigate the potable water quality drinking water sources at 75 of its facilities by sampling and analyzing the water for total lead.

There is no federal law requiring testing of drinking water in schools, except for schools that have their own water supply that are thus regulated under the Safe Drinking Water Act (SDWA).

The majority of public water suppliers do not include schools in their sampling plans because EPA's Lead and Copper Rule require sampling of single family dwellings.

EPA suggests that schools implement programs for reducing lead in drinking water as part of the school's overall environmental protection plan. Lead most frequently gets into drinking water by leaching from plumbing materials and fixtures as water moves through a school's distribution system. Even though the drinking water received from a public water supplier may meet federal and state standards for lead, a particular facility may have elevated lead levels due to plumbing materials, fixtures, and water use patterns.

Lead concentrations can change as water moves through the local distribution and plumbing systems. The best way to know if a school might have elevated levels of lead in its drinking water is by testing the water in that school. Possible sources of lead contamination include lead pipe and lead solder, commonly used prior to 1986, as well as faucets, valves, and other components made of brass. Corrosion of plumbing systems may also occur over time and cause lead to be released in to drinking water. The extent to which corrosion occurs contributes to the amount of lead that can be released into the drinking water.

For the purpose of this study and recommendations, FA has used the recommendations based on the EPA publication “3Ts for Reducing Lead in Drinking Water in Schools”, however, FA has used the more conservative Action Level of 15 ug/L as published in EPA’s Lead and Copper Rule (40 CFR 141 Subpart I) to identify those drinking water sources targeted for remediation.

2.2 Facilities Description

Seventy-five (75) school locations in Memphis, Tennessee as directed by Shelby County Schools.

3.0 SAMPLING METHODOLOGY

To expedite the sampling effort, FA supplied four teams to follow with 4 SCS escorts to sample a pre-determined list of schools. At each school, a maximum of seven (7) drinking water sources (cooler, water fountain or faucet) at the direction of the SCS representative. Three schools had fewer than seven available drinking water sources such that all sources were sampled.

Team 1 included FA sampling technician Andrew Murphy and SCS escort Eric Thomas. Team 2 included FA technician Karen Clancy and SCS escort William Stephens. Team 3 included FA technician Donald Rushin and SCS escort Daniel Hurdle. Team 4 included FA technician Violet Odem and SCS escort Harry Herbert.

Prior to the sampling, FA prepared 75 sampling kits, identified by prefixes 01 through 75, each containing sample bottles labeled 01 through 07. Each team was provided with a list of schools to log the school prefix, with notes on the chain of custody indicating the location of each sampled source within the school. As directed by the SCS escort, samples were collected from drinking water fountains and kitchen sinks, if available.

Sample collection was performed on the Monday and Tuesday following the start of the fall break, so that first draw samples could be collected. First draw means that the water had remained in the pipe for at least six hours prior to sample collection to produce a sample representing lead concentrations after overnight residence in the plumbing system.

FA technicians collected each sample in a 250 mL bottle, with laboratory applied nitric acid preservative, from the identified sample point (cooler, water fountain or faucet). The date, time, sample identification, description of the outlet sampled, and sample location were recorded on the chain of custody. The sample date and time were recorded on the sample bottle.

A total of five hundred and twenty-one (521) total samples were collected for the project. At the end of each day, samples were returned to FA offices, where the sample bottles were checked against the chain of custody and prepared for pickup by the laboratory courier the following day. Per laboratory instruction, samples were not required to be stored and shipped on ice.

All samples were analyzed by Waypoint Analytical, a State of Tennessee certified chemistry and microbiology laboratory (Drinking Water). The analysis requested was Total Lead by EPA Method 200.8 for Total Lead. A copy of the Waypoint Analytical laboratory certification is included in Appendix A.

4.0 FINDINGS

Three hundred and thirty-nine (339), or 65.1 percent, of the sources sampled produced results below the Method Quantitation Limit (MQL) of $<0.500 \mu\text{g/L}$ or 0.5 ppb. Results below the MQLs are low enough that they cannot be quantified within the constraints of the analytical technique.

One hundred and seventy-one (171), or 32.8 percent, of the samples analyzed produced results in the range above the Method Quantitation Limit (MQL) but below the action level of $15\mu\text{g/l}$ (or 15 parts per billion).

Eleven (11) samples, or 2.1 percent, of the samples sources were determined to contain Total Lead above the action level of $15\mu\text{g/l}$ (or 15 parts per billion). These 11 locations were limited to 10 schools.

The table below provides a summary of the sample ID, result, a description of the location of the device sampled, the school name and address for those samples exceeding the action level. The results are reported in micrograms per liter of water ($\mu\text{g/L}$).

Table 1. Samples exceeding the EPA Action Level

Sample ID	Action Level (µg/L)	Result (µg/L)	Comment/ Note	School	Address
02-03	15	357	Water Fountain near Room 200	Adolescent Parenting	205 N. Claybrook St.
02-05	15	19.2	Water Fountain near Room 208	Adolescent Parenting	205 N. Claybrook St.
07-07	15	53.8	Auditorium Water Fountain	G.W. Carver Career Academy	1591 Pennsylvania Ave.
10-02	15	27.2	Fountain Across from Room 236	East Stem Academy	3206 Poplar Ave.
15-02	15	17	Fountain- in Cafeteria	Double Tree Elementary	4560 Double Tree Rd.
18-06	15	40	Fountain - Next to Room 116 Across from Room 113 (Electrician)	Mitchell High	658 Mitchell Rd.
19-04	15	22.1	Sink - Kitchen Sink at Rear Door	Chickasaw Middle	4060 Westmont Rd.
30-01	15	23.5	Fountain - Near Room E156	Cromwell Elementary	4989 Cromwell Ave.
36-07	15	501	Fountain - Cafeteria Cooler. (Note: water was shut off prior to sampling)	Lowrance Elementary/MS	7740 Lowrance Rd.
58-06	15	32.9	Fountain - Next to Boys' Restroom in Front of Auditorium	Melrose High	2870 Deadrick Ave.
69-06	15	17.1	Fountain - Near Side Entrance (in Front of Front Doors)	Shrine School	4259 Forestview Dr.

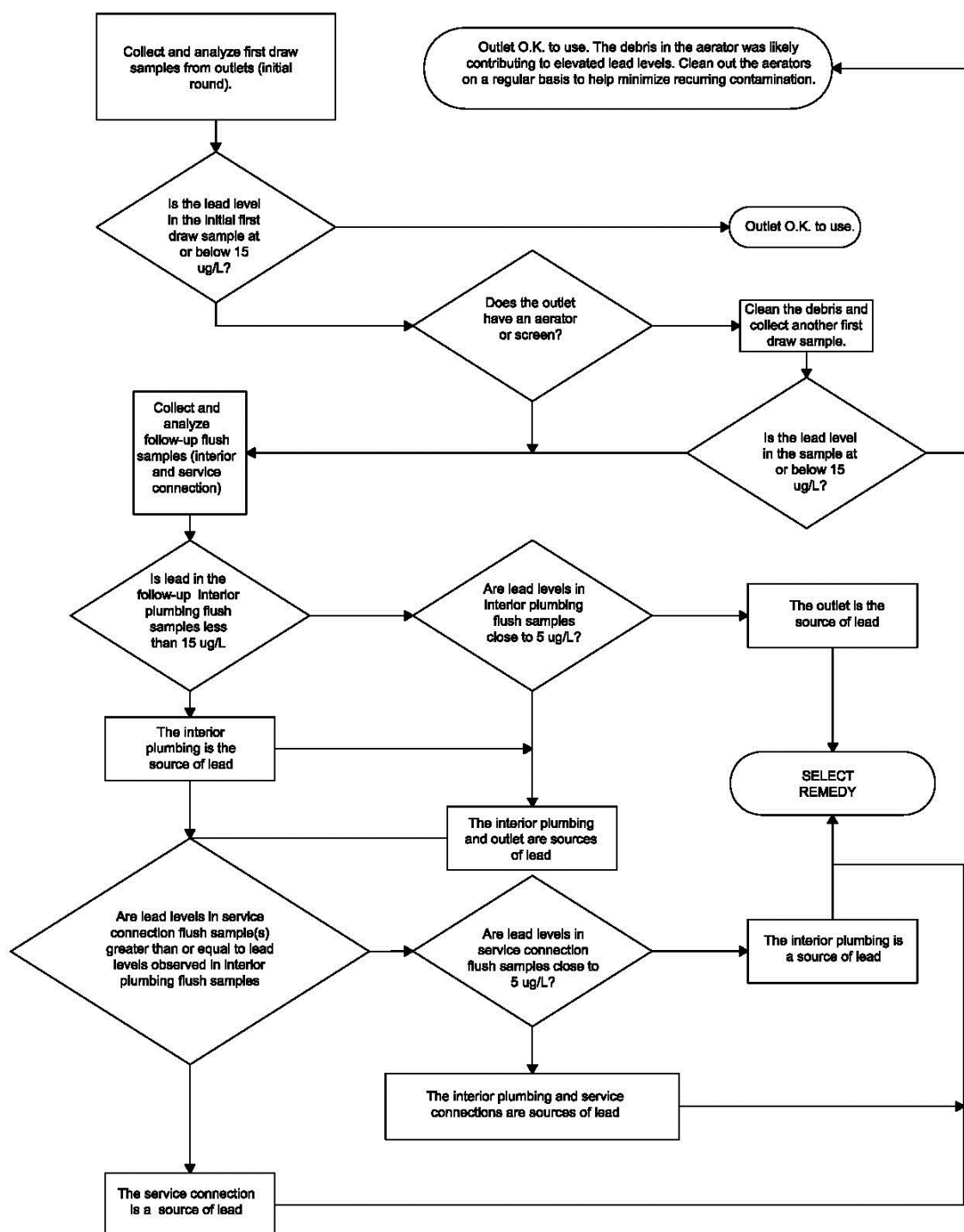
A site-by-site summary of all results is included in Appendix B. Copies of the Waypoint Analytical laboratory reports are included in Appendix C.

5.0 RECOMMENDATIONS

For those sources above the Action Level of 15 µg/L, EPA recommends further investigation to determine if the source of lead is the local plumbing or fixtures, or if the source is the main line service connection.

Further investigation and remediation of identified lead sources should be guided by the EPA publication “3Ts for Lead in Drinking Water: Revised Technical Guidance”. Any recommended remedial action will be dependent on the specifics characteristics of the plumbing system configuration, outlet type, and follow-up test results.

A basic flow chart of the additional sampling procedure is provided below.



6.0 REFERENCES

Memphis Light, Gas and Water Division| 2016 Water Quality Report

National Primary Drinking Water Regulations EPA 816-F-09-004 May 2009

EPA Guidelines for Drinking Water Sample Collection, 2nd Edition, Sept 2016.

3Ts for Lead in Drinking Water: Revised Technical Guidance, October 2006

EPA Lead and Copper Rule, 40 CFR 141 Subpart I

7.0 QUALIFICATIONS OF LABORATORY

Waypoint Analytical

2790 Whitten Rd

Memphis, TN 38133

Certification for Analyzing Drinking Water: TN2027 EPA# TN00012

Issued 05/09/2017 Expires 05/10/2020

APPENDICES

Appendix A: Laboratory Credentials

Appendix B: Summary of Results by Location

Appendix C: Laboratory Reports and Chain of Custody

APPENDIX A

LABORATORY CREDENTIALS



The State of Tennessee

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

DIVISION OF WATER RESOURCES

Certifies That

Waypoint Analytical, Inc.

*Having Met the Requirements of the Regulations for the
Certification of Laboratories Analyzing Drinking Water
is hereby Approved as a*

State Certified Laboratory in Chemistry and Microbiology

*To perform the Analyses as Indicated on the
Certified Parameter List For the Public Water Systems of Tennessee*

Laboratory ID Number 02027

Prasad Subbanna
Laboratory Certification Program Manager
Division of Water Resources

Issue Date: 05/09/2017 Effective Date: 05/11/2017 Expiration Date: 05/10/2020

*This certification is subject to performance on E.P.A.
Proficiency Testing Samples, laboratory inspections,
payment of annual fees, is nontransferable, and
supersedes previously issued certificates*

Certified Parameters - 2017

TENNESSEE

Waypoint Analytical, Inc. (was ETC)

TN02027

EPA # TN00012

7/14/2017

Attn: Richard Medina
2790 Whitten Road
Memphis, TN 38133

Parameter	EPA Parameter #	Approved Method	Study Type	Date Complete	PT Provider / WS #
Disinfectant Residuals					
Total Chlorine Residual	1012	SM - 4500-Cl G	Proficiency Test	4/20/2017	ERA / WS-248
Disinfection By-Products					
HAA					
Bromoacetic Acid (HAA5)	2453	SM - 6251 B	Proficiency Test	4/20/2017	ERA / WS-248
Chloroacetic Acid (HAA5)	2450	SM - 6251 B	Proficiency Test	4/20/2017	ERA / WS-248
Dibromoacetic Acid (HAA5)	2454	SM - 6251 B	Proficiency Test	4/20/2017	ERA / WS-248
Dichloroacetic Acid (HAA5)	2451	SM - 6251 B	Proficiency Test	4/20/2017	ERA / WS-248
Trichloroacetic Acid (HAA5)	2452	SM - 6251 B	Proficiency Test	4/20/2017	ERA / WS-248
THM					
Bromodichloromethane	2943	EPA - 524.2	Proficiency Test	7/14/2017	ERA / 062917C
Bromoform	2942	EPA - 524.2	Proficiency Test	7/14/2017	ERA / 062917C
Chlorodibromomethane	2944	EPA - 524.2	Proficiency Test	7/14/2017	ERA / 062917C
Chloroform	2941	EPA - 524.2	Proficiency Test	7/14/2017	ERA / 062917C
Inorganics					
Alkalinity	1928	SM - 2320 B	Proficiency Test	4/20/2017	ERA / WS-248
Calcium	1016	EPA - 200.7	Proficiency Test	4/20/2017	ERA / WS-248
Chloride	1017	EPA - 300.0	Proficiency Test	4/20/2017	ERA / WS-248
Color	1905	SM - 2120 B	Proficiency Test	3/6/2017	ERA / 030617F
Conductivity	1064	SM - 2510 B	Proficiency Test	4/20/2017	ERA / WS-248
Cyanide	1024	SM - 4500-CN-E	Proficiency Test	4/20/2017	ERA / WS-248
Fluoride	1025	EPA - 300.0	Proficiency Test	4/20/2017	ERA / WS-248
Iron	1028	EPA - 200.7	Proficiency Test	4/20/2017	ERA / WS-248
Nitrate	1040	EPA - 300.0	Proficiency Test	4/20/2017	ERA / WS-248
Nitrate + Nitrite	1038	EPA - 300.0	Proficiency Test	4/20/2017	ERA / WS-248
Nitrite	1041	EPA - 300.0	Proficiency Test	4/20/2017	ERA / WS-248
Ortho-phosphate	1044	SM - 4500-P E	Proficiency Test	4/20/2017	ERA / WS-248
pH	1925	SM - 4500-H+B	Proficiency Test	4/20/2017	ERA / WS-248
Potassium	1042	EPA - 200.7	Proficiency Test	4/20/2017	ERA / WS-248
Sodium	1052	EPA - 200.7	Proficiency Test	4/20/2017	ERA / WS-248
Sulfate	1055	EPA - 300.0	Proficiency Test	4/20/2017	ERA / WS-248
TDS	1930	SM - 2540 C	Proficiency Test	4/20/2017	ERA / WS-248
TOC (total organic carbon)	2920	SM - 5310 C	Proficiency Test	4/20/2017	ERA / WS-248

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Complete</u>	<u>PT Provider / WS #</u>
Total Hardness	1916	SM - 2340 B	Proficiency Test	4/20/2017	ERA / WS-248
Turbidity	0100	SM - 2130 B	Proficiency Test	4/20/2017	ERA / WS-248

Metals

Antimony	1074	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Arsenic	1005	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Barium	1010	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Beryllium	1075	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Cadmium	1015	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Chromium	1020	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Copper	1022	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Lead	5000	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Magnesium	1031	EPA - 200.7	Proficiency Test	4/20/2017	ERA / WS-248
Manganese	1032	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Mercury	1035	EPA - 245.1	Proficiency Test	4/20/2017	ERA / WS-248
Nickel	1036	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Selenium	1045	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Thallium	1085	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Aluminum	1002	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Silver	1050	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248
Zinc	1095	EPA - 200.8	Proficiency Test	4/20/2017	ERA / WS-248

Microbiologicals

Escherichia coli, Colilert	3014	SM - 9223	Proficiency Test	3/6/2017	ERA / 030617F
Escherichia coli, Colilert - QuantiTray	3014	SM - 9223	Proficiency Test	3/6/2017	ERA / 030617F
Heterotrophic Bacteria, Pour plate metho	3001	SM - 9215 B	Proficiency Test	5/22/2017	ERA / 051017D
Total Coliform, Colilert	3000	SM - 9223	Proficiency Test	3/6/2017	ERA / 030617F
Total Coliform, Colilert-Quantitray	3000	SM - 9223	Proficiency Test	3/6/2017	ERA / 030617F

Organics

DBCP (Dibromochloropropane)	2931	EPA - 504.1	Proficiency Test	4/20/2017	ERA / WS-248
EDB (Ethylene dibromide)	2946	EPA - 504.1	Proficiency Test	4/20/2017	ERA / WS-248

VOCs - Regulated

1,1,1-Trichloroethane	2981	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
1,1,2-Trichloroethane	2985	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
1,1-Dichloroethylene	2977	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
1,2,4-Trichlorobenzene	2378	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
1,2-Dichlorobenzene	2968	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
1,2-Dichloroethane	2980	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Complete</u>	<u>PT Provider / WS #</u>
1,2-Dichloropropane	2983	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
1,4-Dichlorobenzene	2969	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Benzene	2990	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Carbon Tetrachloride	2982	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Chlorobenzene	2989	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
cis-1,2-Dichloroethylene	2380	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Ethylbenzene	2992	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Methylene chloride (dichloromethane)	2964	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Styrene	2996	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Tetrachloroethylene	2987	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Toluene	2991	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Total Xylenes	2955	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
trans-1,2-dichloroethylene	2979	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Trichloroethylene	2984	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D
Vinyl Chloride	2976	EPA - 524.2	Proficiency Test	5/22/2017	ERA / 051017D

APPENDIX B

SUMMARY OF RESULTS BY LOCATION

Shelby County Schools Water Quality Report
October 2017

School ID -01

School Name: Alton Elementary

Address: 2020 Alton Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
01-01	10/9/2017 7:17	0.923	15	Fountain Across from Room 210
01-02	10/9/2017 7:22	0.510	15	Fountain Across from Room 205
01-03	10/9/2017 7:26	<0.500	15	Fountain Across from Room105
01-04	10/9/2017 7:29	<0.500	15	Fountain Across from Room 110
01-05	10/9/2017 7:32	<0.500	15	South Fountain /set
01-06	10/9/2017 7:37	<0.500	15	Kitchen Sink by Mop Room
01-07	10/9/2017 7:41	<0.500	15	Kitchen Sink Dish Room (original source disabled)

Shelby County Schools Water Quality Report
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School ID -02 School Name: Adolescent Parenting

Address: 205 N. Claybrook St.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
02-01	10/9/2017 14:07	<0.500	15	1 st Floor South End of Hall
02-02	10/9/2017 14:09	<0.500	15	1 st Floor North End of Hall
02-03	10/9/2017 14:15	357	15	Water Fountain near Room 200
02-04	10/9/2017 14:18	<0.500	15	Fountain by Room 209
02-05	10/9/2017 14:21	19.2	15	Water Fountain near Room 208
02-06	10/9/2017 14:23	1.73	15	Sink - Room 208 Kitchen Sink
02-07	10/9/2017 14:27	<0.500	15	Sink - Infant Childcare Center South End Sink

Shelby County Schools Water Quality Report
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School ID -03 School Name: Riverview K-8

Address: 241 Majuba Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
03-01	10/9/2017 8:01	<0.500	15	Fountain by Serving Exit 101 – 1 st Floor
03-02	10/9/2017 8:05	<0.500	15	Fountain by Loading Dock - 1 st Floor
03-03	10/9/2017 8:08	<0.500	15	Fountain by Room 130A (Custodial) – 1 st Floor
03-04	10/9/2017 8:11	0.52	15	Fountain Across from Room 119 1 st Floor
03-05	10/9/2017 8:14	1.48	15	Fountain Next to Room 116X (Custodial) 1 st Floor
03-06	10/9/2017 8:17	<0.500	15	Fountain Next to 109K (Storage) – 1 st Floor
03-07	10/9/2017 8:22	<0.500	15	Fountain by 117B (Storage)

Shelby County Schools Water Quality Report
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School ID -04 School Name: Bruce Elementary

Address: 581 South Bellevue Blvd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
04-01	10/9/2017 10:54	<0.500	15	Fountain North Across from Room 129
04-02	10/9/2017 10:59	<0.500	15	Fountain North Across from Room 124
04-03	10/9/2017 11:03	<0.500	15	Fountain South Across Room 106
04-04	10/9/2017 11:06	1.18	15	Fountain South Across from Room 142
04-05	10/9/2017 11:08	<0.500	15	Hand Wash Sink Southwest Hall
04-06	10/9/2017 11:11	<0.500	15	Prep Sink Kitchen – South Wall
04-07	10/9/2017 11:13	<0.500	15	Fountain by Stairs Multi-purpose Room

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School ID -05

School Name: Ida B. Wells Academy

Address: 995 S. Lauderdale St.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
05-01	10/9/2017 10:15	<0.500	15	Fountain Next to Main Office
05-02	10/9/2017 10:19	1.18	15	Fountain Next to Entertainment Center Across from Teachers' Lounge
05-03	10/9/2017 10:22	1.51	15	Fountain by Room 108 (Book Room)
05-04	10/9/2017 10:24	<0.500	15	Fountain Across from Room 103
05-05	10/9/2017 10:30	0.809	15	Fountain North of cafeteria
05-06	10/9/2017 10:32	<0.500	15	Kitchen Sink North (2 Compartment Sink)
05-07	10/9/2017 10:36	3.86	15	Fountain Southeast Corner of Lobby

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School ID -06 School Name: A.B. Hill Elementary

Address: 345 E. Olive Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
06-01	10/9/2017 9:27	<0.500	15	Fountain - Cafeteria West Wall 1 st Floor
06-02	10/9/2017 9:35	<0.500	15	Kitchen Sink in Front 1 st Floor Restroom
06-03	10/9/2017 9:39	<0.500	15	Fountain in Front of Cafeteria - SW Wall Between Restrooms
06-04	10/9/2017 9:44	<0.500	15	Fountain by Room N109M
06-05	10/9/2017 9:48	<0.500	15	Fountain by Room S101
06-06	10/9/2017 9:51	<0.500	15	Fountain Across from Room S107J
06-07	10/9/2017 9:54	<0.500	15	Fountain Across from Room N124

Shelby County Schools Water Quality Report
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School ID -07 School Name: G.W. Carver Career Academy Address: 1591 Pennsylvania Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
07-01	10/9/2017 8:34	<0.500	15	Fountain by Mechanical Room 113
07-02	10/9/2017 8:38	<0.500	15	Fountain by Boys' Gym Restroom
07-03	10/9/2017 8:44	3.46	15	Fountain -Cafeteria
07-04	10/9/2017 8:47	<0.500	15	Sink - Northwest Kitchen Sink
07-05	10/9/2017 8:54	<0.500	15	Fountain - North Lobby Main Entrance Near Office
07-06	10/9/2017 8:58	<0.500	15	Fountain by Room 225
07-07	10/9/2017 9:02	53.8	15	Fountain - Auditorium Water Fountain

Shelby County Schools Water Quality Report
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School ID -08 School Name: William Brewster Elementary Address: 2605 Sam Cooper Blvd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
08-01	10/9/2017 12:26	<0.500	15	Fountain by Multi-purpose Room
08-02	10/9/2017 12:33	<0.500	15	Fountain by Preparation W101G
08-03	10/9/2017 12:38	<0.500	15	Fountain by W109M
08-04	10/9/2017 12:43	<0.500	15	Fountain by A117M
08-05	10/9/2017 12:48	<0.500	15	Fountain by E119M
08-06	10/9/2017 12:51	<0.500	15	Fountain by Room B105
08-07	10/9/2017 12:55	<0.500	15	Fountain by E209J

Shelby County Schools Water Quality Report
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School ID -09 School Name: LaRose Elementary

Address: 864 Willoughby St.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
09-01	10/10/2017 7:11	0.790	15	Fountain Cafeteria West
09-02	10/10/2017 7:14	1.00	15	Sink - Kitchen 3 Compartment sink
09-03	10/10/2017 7:18	<0.500	15	Fountain in Cafeteria Lobby (Room 100)
09-04	10/10/2017 7:22	<0.500	15	Fountain Next to Room 212
09-05	10/10/2017 7:25	<0.500	15	Fountain Next to Library
09-06	10/10/2017 7:29	<0.500	15	Fountain - Restroom Front of Office
09-07	10/10/2017 7:40	1.20	15	Fountain - Cafeteria East

Shelby County Schools Water Quality Report
October 2017

School ID -10 School Name: East Stem Academy

Address: 3206 Poplar Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
10-01	10/10/2017 9:21	<0.500	15	Fountain Across from Room 209
10-02	10/10/2017 9:24	27.2	15	Fountain Across from Room 236
10-03	10/10/2017 9:27	<0.500	15	Fountain – Southwest Wall (East Hall by Gym)
10-04	10/10/2017 9:31	<0.500	15	Fountain - Gym Southwest Wall
10-05	10/10/2017 9:35	<0.500	15	Fountain in Cafeteria
10-06	10/10/2017 9:37	<0.500	15	Sink - Single Kitchen Sink in Front of Oven
10-07	10/10/2017 9:48	2.37	15	Sink - Kitchen 3 Compartment Sink

Shelby County Schools Water Quality Report
October 2017

School ID -11 School Name: Gordon Success Academy

Address: 815 Breedlove St.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
11-01	10/10/2017 8:32	<0.500	15	Fountain by Room 193
11-02	10/10/2017 8:39	<0.500	15	Fountain - South Wall East Hall by Courtyard
11-03	10/10/2017 8:43	<0.500	15	Fountain Across from Room 141 (Lounge)
11-04	10/10/2017 8:45	0.558	15	Fountain - Multi-purpose Room 150 next to 156
11-05	10/10/2017 8:48	<0.500	15	Fountain - Southeast Cafeteria
11-06	10/10/2017 8:50	1.23	15	Sink - Kitchen 2 Compartment sink
11-07	10/10/2017 8:54	<0.500	15	Fountain Across from Room 126

Shelby County Schools Water Quality Report
October 2017

School ID -12 School Name: Downtown Elementary

Address: 10 N. Fourth St.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
12-01	10/10/2017 7:53	<0.500	15	Fountain – Room C110A
12-02	10/10/2017 7:54	<0.500	15	Sink by Room C108A
12-03	10/10/2017 7:57	<0.500	15	Sink - Kitchen 3 Compartment West
12-04	10/10/2017 8:00	<0.500	15	Fountain by Room C108
12-05	10/10/2017 8:03	<0.500	15	Fountain by Room A112
12-06	10/10/2017 8:05	<0.500	15	Fountain In Room A115 (Resource)
12-07	10/10/2017 8:11	<0.500	15	Fountain Across from Room B106

Shelby County Schools Water Quality Report
October 2017

School ID -13 School Name: Northwest Prep

Address: 1266 Poplar Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
13-01	10/9/2017 13:25	1.5	15	Fountain by Room 101
13-02	10/9/2017 13:31	0.764	15	Fountain in Gym
13-03	10/9/2017 13:34	0.596	15	Fountain - Gym Lobby
13-04	10/9/2017 13:40	<0.500	15	Fountain - Cafeteria
13-05	10/9/2017 13:47	<0.500	15	Sink - Cafeteria Prep area (3 compartment Sink)
13-06	10/9/2017 13:55	1.35	15	Teachers' Lounge Women
13-07	10/9/2017 13:58	11.6	15	Teachers' Lounge Men

Shelby County Schools Water Quality Report
October 2017

School ID -14 School Name: Charjean Elementary

Address: 2140 Charjean Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
14-01	10/9/2017 6:54	<0.500	15	Fountain - Cafeteria
14-02	10/9/2017 6:55	<0.500	15	Kitchen Sink
14-03	10/9/2017 7:04	<0.500	15	Fountain Next to Room #26
14-04	10/9/2017 7:09	<0.500	15	Fountain - Women's Restroom by Room 3
14-05	10/9/2017 6:57	<0.500	15	Fountain by Boiler (Front Hall)
14-06	10/9/2017 7:12	<0.500	15	Fountain - Men's Restroom by Room 3
14-07	10/9/2017 7:14	<0.500	15	Fountain - Women's Restroom Room 3

Shelby County Schools Water Quality Report
October 2017

School ID -15 School Name: Double Tree Elementary

Address: 4560 Double Tree Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
15-01	10/9/2017 12:53	1.25	15	Sink – Kitchen 2 compartment sink on east wall
15-02	10/9/2017 12:58	17	15	Fountain- in Cafeteria
15-03	10/9/2017 12:59	0.752	15	Fountain – stainless steel across from Rm 104
15-04	10/9/2017 13:01	1.29	15	Fountain between Rooms 115 & 116
15-05	10/9/2017 13:03	0.774	15	Fountain next to Room 121
15-06	10/9/2017 13:05	0.866	15	Fountain - East hall from main office
15-07	10/9/2017 13:07	0.717	15	Fountain at Front entrance

Shelby County Schools Water Quality Report
October 2017

School ID -16 School Name: J. P. Freeman

Address: 5250 Tulane Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
16-01	10/9/2017 13:41	0.87	15	Concession Stand Sink (3 Compartment)
16-02	10/9/2017 13:43	0.644	15	Fountain - Near Boys' Restroom Next to Concession
16-03	10/9/2017 13:45	<0.500	15	Fountain - in Cafeteria
16-04	10/9/2017 13:50	0.518	15	Kitchen Sink (3 Compartment)
16-05	10/9/2017 13:54	1.84	15	Fountain - Across from Room18 &19
16-06	10/9/2017 13:56	2.04	15	Fountain - Bubbler across from Room A-04
16-07	10/9/2017 13:57	0.808	15	Fountain - Next to Main Office

Shelby County Schools Water Quality Report
October 2017

School ID -17 School Name: Southwest CTC

Address: 3746 Horn Lake Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
17-01	10/9/2017 10:43	3.57	15	Fountain -Next to Carpenters' Shop
17-02	10/9/2017 10:46	1.37	15	Fountain- Horticulture Classroom
17-03	10/9/2017 10:48	0.904	15	Fountain - Welding Classroom
17-04	10/9/2017 10:50	<0.500	15	Fountain - Manufacturing Classroom
17-05	10/9/2017 10:54	12	15	Culinary Arts Sink (3 Compartment)
17-06	10/9/2017 10:55	0.798	15	Fountain - Break Area
17-07	10/9/2017 10:58	0.972	15	Fountain - Main Office Complex

Shelby County Schools Water Quality Report
October 2017

School ID -18 School Name: Mitchell High

Address: 658 Mitchell Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
18-01	10/9/2017 10:05	<0.500	15	Fountain -North in Front of Auditorium
18-02	10/9/2017 10:08	<0.500	15	Fountain -Outside Gym Next to Ladies' Room (Northerast)
18-03	10/9/2017 10:13	<0.500	15	Fountain - Cafeteria
18-04	10/9/2017 10:16	0.565	15	Serving Lint Sink (3 Compartment) at Serving Line
18-05	10/9/2017 10:17	<0.500	15	Fountain -Next to 1 st Floor Teachers' Lounge
18-06	10/9/2017 10:20	40	15	Fountain - Next to Room 116 Across from Room 113 (Electrician)
18-07	10/9/2017 10:24	<0.500	15	Fountain - Across from Room 239 (Janitor)

Shelby County Schools Water Quality Report
October 2017

School ID -19 School Name: Chickasaw Middle

Address: 4060 Westmont Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
19-01	10/9/2017 12:27	0.647	15	Fountain - Hall West of Auditorium
19-02	10/9/2017 12:30	0.576	15	Fountain -Front of Gym Near Rear Doors
19-03	10/9/2017 12:31	4.72	15	Fountain - Cafeteria
19-04	10/9/2017 12:35	22.1	15	Sink - Kitchen Sink at Rear Door
19-05	10/9/2017 12:38	<0.500	15	Fountain -Near Mop Closet & Room 103
19-06	10/9/2017 12:41	<0.500	15	Fountain Next to Room 309
19-07	10/9/2017 12:43	<0.500	15	Fountain - Hall Next to Room 208

Shelby County Schools Water Quality Report
October 2017

School ID -20 School Name: Hamilton Elementary

Address: 1378 Ethlyn Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
20-01	10/9/2017 8:27	<0.500	15	Sink - Rear Door (North)
20-02	10/9/2017 8:29	<0.500	15	Fountain -Cafeteria Close to Hall Door
20-03	10/9/2017 8:31	<0.500	15	Fountain - Hall Across from Room 219
20-04	10/9/2017 8:33	0.513	15	Fountain at Boys' Restroom Across from Room 208
20-05	10/9/2017 8:34	2.65	15	Fountain - Next to Girls' Restroom Across from Room 311
20-06	10/9/2017 8:40	<0.500	15	Fountain - Bubbler Across from Room 306
20-07	10/9/2017 8:42	<0.500	15	Fountain - Lower Level by Unisex Restroom

Shelby County Schools Water Quality Report
October 2017

School ID -21 School Name: Airways Achievement

Address: 2601 Ketchum Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
21-01	10/9/2017 12:27	<0.500	15	Sink -Kitchen
21-02	10/9/2017 12:30	<0.500	15	Fountain - Hall East of gym
21-03	10/9/2017 12:31	1.3	15	Fountain - Hall Near Girls' Restroom Across from Room 106
21-04	10/9/2017 12:35	<0.500	15	Fountain -Cafeteria North
21-05	10/9/2017 12:38	14.9	15	Fountain - Hall Near Girls' Restroom Across from Room 206
21-06	10/9/2017 12:41	2.2	15	Fountain -Bubbler Outside Boys' Restroom in Hall in Front of Room 109
21-07	10/9/2017 12:43	5.83	15	Fountain - Hall (1st Fountain South of Gym)

Shelby County Schools Water Quality Report
October 2017

School ID -22 School Name: Hamilton Middle

Address: 1478 Wilson St.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
22-01	10/9/2017 8:50	<0.500	15	South Fountain- in Front of auditorium
22-02	10/9/2017 8:52	<0.500	15	Fountain in Cafeteria
22-03	10/9/2017 8:55	0.619	15	Sink - Kitchen Sink (Wall of Serving Line)
22-04	10/9/2017 8:59	0.648	15	Fountain in Gym (West Side)
22-05	10/9/2017 9:01	0.586	15	Fountain - Next to Room 114
22-06	10/9/2017 9:04	<0.500	15	Fountain - Across from Room 214
22-07	10/9/2017 9:05	<0.500	15	Fountain - Across from Room 314

Shelby County Schools Water Quality Report
October 2017

School ID -23 School Name: Alcy Elementary

Address: 1750 Alcy Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
23-01	10/9/2017 7:59	0.605	15	Fountain - Cafeteria (North Side)
23-02	10/9/2017 8:01	1.34	15	Fountain -Near Room 232
23-03	10/9/2017 8:03	<0.500	15	Fountain - Across from Room 106
23-04	10/9/2017 7:57	<0.500	15	Fountain - Cafeteria (South Side)
23-05	10/9/2017 8:05	1	15	Fountain - Across from Room 306
23-06	10/9/2017 8:08	<0.500	15	Sink - Kitchen Close to Rear Door
23-07	10/9/2017 8:10	2.54	15	Fountain - Across from Room 237 (Hall)

Shelby County Schools Water Quality Report
October 2017

School ID -24 School Name: Westhaven Elementary

Address: 4585 Hodge Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
24-01	10/10/2017 8:24	<0.500	15	Kitchen at Storage Room (3 Compartment)
24-02	10/10/2017 8:26	<0.500	15	Fountain in Multi-purpose Room
24-03	10/10/2017 8:29	<0.500	15	Fountain Across from Room C83 (Boys/Girls Room)
24-04	10/10/2017 8:32	<0.500	15	Fountain in D-110 Classroom
24-05	10/10/2017 8:34	<0.500	15	Fountain in D-109 Classroom
24-06	10/10/2017 8:38	<0.500	15	Fountain Boys/girls Room Across from Room B-56
24-07	10/10/2017 8:41	<0.500	15	Fountain Across from Room A-26

Shelby County Schools Water Quality Report
October 2017

School ID -25 School Name: Hamilton High

Address: 1363 Person Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
25-01	10/9/2017 9:20	0.751	15	Kitchen Sink at Rear (3 Compartment)
25-02	10/9/2017 9:25	<0.500	15	Fountain - Outside Cafeteria
25-03	10/9/2017 9:28	<0.500	15	Fountain - in Front of Gym
25-04	10/9/2017 9:32	<0.500	15	Fountain - in Hall Across from Room 211
25-05	10/9/2017 9:35	<0.500	15	Fountain - Next to Boys' Room Across from Room 322
25-06	10/9/2017 9:38	<0.500	15	Fountain - in Hall Across from Room 330
25-07	10/9/2017 9:43	<0.500	15	Fountain - Next to SBE office

Shelby County Schools Water Quality Report
October 2017

School ID -26 School Name: Overton High

Address: 1770 Lanier Ln.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
26-01	10/9/2017 14:50	0.784	15	Kitchen Sink Next to Freezer
26-02	10/9/2017 14:51	<0.500	15	Fountain - Cafeteria Right Side
26-03	10/9/2017 14:55	3.39	15	Fountain - Hallway Bubbler Next to Room 309
26-04	10/9/2017 15:00	1.22	15	Fountain - Bubbler Across from Faculty Lounge (Ladies')
26-05	10/9/2017 15:02	1.37	15	Fountain - Outside Library
26-06	10/9/2017 15:05	0.556	15	Fountain -Across from Room 243
26-07	10/9/2017 15:07	4.18	15	Fountain - Across from Room 249

Shelby County Schools Water Quality Report
October 2017

School ID -27 School Name: Colonial Middle

Address: 1370 Colonial Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
27-01	10/10/2017 9:00	<0.500	15	Fountain Outside Auditorium
27-02	10/10/2017 9:02	<0.500	15	Fountain in Cafeteria
27-03	10/10/2017 9:03	0.639	15	Sink - Kitchen Right Faucet
27-04	10/10/2017 9:06	<0.500	15	Fountain Outside Auditorium (Left Side)
27-05	10/10/2017 9:10	1.97	15	Sink - Room B131 Home Economics Lab Left Side
27-06	10/10/2017 9:14	0.648	15	Fountain – in Gym Next to Coach's Office Room C119
27-07	10/10/2017 9:17	<0.500	15	Fountain - Across from Room A113 in Main Office

Shelby County Schools Water Quality Report
October 2017

School ID -28

School Name: Evans Elementary

Address: 4949 Cottonwood Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
28-01	10/9/2017 14:20	1.2	15	Sink –Kitchen (2 Compartment Right Side)
28-02	10/9/2017 14:21	<0.500	15	Fountain - in Cafeteria, Old Left Side
28-03	10/9/2017 14:30	3.06	15	Fountain - Bubblers next to Library
28-04	10/9/2017 14:33	1.98	15	Fountain - Bubblers Across from Room 105
28-05	10/9/2017 14:35	0.564	15	Fountain - Bubblers Across from Room 102A
28-06	10/9/2017 14:37	1.51	15	Fountain - Bubblers Across from Room 101
28-07	10/9/2017 14:39	3.48	15	Fountain - Bubblers Across from Room 114

Shelby County Schools Water Quality Report
October 2017

School ID -29 School Name: Willow Oaks Elementary

Address: 4417 Willow Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
29-01	10/9/2017 15:25	1.1	15	Sink - Kitchen Next to Freezer
29-02	10/9/2017 15:27	<0.500	15	Fountain - Cafeteria - Next to Dish Return
29-03	10/9/2017 15:30	<0.500	15	Fountain - Next to Room F66
29-04	10/9/2017 15:32	<0.500	15	Fountain - Across E46 Annex
29-05	10/9/2017 15:33	0.735	15	Fountain - Bubbler Next to E50 Annex
29-06	10/9/2017 15:35	<0.500	15	Fountain – Across from Room D41
29-07	10/9/2017 15:37	0.684	15	Fountain - Bubbler Across from Room A01

Shelby County Schools Water Quality Report
October 2017

School ID -30 School Name: Cromwell Elementary

Address: 4989 Cromwell Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
30-01	10/10/2017 7:05	23.5	15	Fountain - Near Room E156
30-02	10/10/2017 7:07	<0.500	15	Fountain - Near Room E126
30-03	10/10/2017 7:15	<0.500	15	Fountain - Next to Room 112 (Custodial Closet) New Annex Building
30-04	10/10/2017 7:18	<0.500	15	Sink -Teachers' Lounge Restroom Sink
30-05	10/10/2017 7:20	<0.500	15	Fountain - Outside Room E106 Custodial Closet
30-06	10/10/2017 7:25	<0.500	15	Water Fountain - Outside Room E206
30-07	10/10/2017 7:30	0.936	15	Sink - Kitchen Sink Next to Room E142 Storage

Shelby County Schools Water Quality Report
October 2017

School ID -31 School Name: Winchester Elementary

Address: 3587 Boeingshire Dr.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
31-01	10/10/2017 10:58	1.62	15	Kitchen Sink (2 Compartment) Close to Rear door
31-02	10/10/2017 11:03	<0.500	15	Fountain - Hall Fountain Across from Media Centre
31-03	10/10/2017 11:05	<0.500	15	Fountain -Hall Fountain Next to Room 20A Clinic
31-04	10/10/2017 11:09	<0.500	15	Fountain - Hall Bubbler Next to Classroom 3
31-05	10/10/2017 11:10	1.49	15	Fountain - Cafeteria Near Line Entrance
31-06	10/10/2017 11:13	<0.500	15	Fountain - Annex Building Next to Room 30
31-07	10/10/2017 11:15	<0.500	15	Fountain- Annex Building Next to Room 26A

Shelby County Schools Water Quality Report
October 2017

School ID -32 School Name: Manor Lake Elementary

Address: 4900 Horn Lake Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
32-01	10/10/2017 7:09	1.17	15	Kitchen Sink at Rear Door
32-02	10/10/2017 7:10	2.86	15	Fountain - in Cafeteria
32-03	10/10/2017 7:12	0.755	15	Fountain - Near Main Office
32-04	10/10/2017 7:18	1.07	15	Fountain - Next to Computer Lab
32-05	10/10/2017 7:24	2.27	15	Fountain - in Open Space Class Northeast
32-06	10/10/2017 7:26	1.33	15	Fountain - in Open Space Class Middle
32-07	10/10/2017 7:28	1.61	15	Fountain – in Open Space Class Northwest

Shelby County Schools Water Quality Report
October 2017

School ID -33 School Name: Oakshire Elementary

Address: 1765 E. Holmes Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
33-01	10/10/2017 9:00	<0.500	15	Fountain - in Cafeteria
33-02	10/10/2017 9:02	<0.500	15	Fountain - Next to Room #125 (Teacher Workroom)
33-03	10/10/2017 9:03	<0.500	15	Fountain- in Hall (in Front of Room #107)
33-04	10/10/2017 9:06	<0.500	15	Fountain - Next to Room 129 (Main Office)
33-05	10/10/2017 9:10	<0.500	15	Fountain – in Hall Next to Room A109 - Annex
33-06	10/10/2017 9:12	<0.500	15	Fountain – in Hall Across from SW-2 Classroom 10 - Annex
33-07	10/10/2017 9:13	<0.500	15	Fountain – in Hall Across from SE-2 Classroom 7

Shelby County Schools Water Quality Report
October 2017

School ID -34 School Name: Holmes Road Elementary

Address: 1083 Holmes Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
34-01	10/10/2017 7:50	<0.500	15	Kitchen Sink Near Back Door (3 Compartment)
34-02	10/10/2017 7:53	<0.500	15	Fountain - Northwest Cafeteria Fountain
34-03	10/10/2017 7:55	<0.500	15	Fountain - North Kindergarten Teachers' Lounge
34-04	10/10/2017 7:58	<0.500	15	Fountain - A-Hall Near B109 Southwest
34-05	10/10/2017 8:00	<0.500	15	Fountain - A-Hall Near B-109 Northwest
34-06	10/10/2017 7:59	<0.500	15	Fountain - Across from Room 137 Northwest
34-07	10/10/2017 8:05	<0.500	15	Sink - Plant Manager's Office

Shelby County Schools Water Quality Report
October 2017

School ID 35 School Name: A Maceo Walker

Address: 1900 East Raines Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
35-01	10/10/2017 9:59	<0.500	15	Kitchen Sink (3 Compartment)
35-02	10/10/2017 10:02	<0.500	15	Fountain- in Cafeteria
35-03	10/10/2017 10:05	<0.500	15	Fountain - in Gym Next to Lockers
35-04	10/10/2017 10:08	<0.500	15	Fountain - in Gym Next to Coach's Office
35-05	10/10/2017 10:11	<0.500	15	Fountain - Hall Next to Room 105J
35-06	10/10/2017 10:13	<0.500	15	Fountain - Hall Next to Room 106J
35-07	10/10/2017 10:17	<0.500	15	Fountain - Hall Next to Room S112J

Shelby County Schools Water Quality Report
October 2017

School ID -36 School Name: Lowrance Elementary/MS

Address: 7740 Lowrance Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
36-01	10/10/2017 13:51	0.629	15	Kitchen Sink (3 Compartment) Food Prep
36-02	10/10/2017 13:52	<0.500	15	Fountain - Gymnasium Coach Office
36-03	10/10/2017 13:53	<0.500	15	Fountain - Restroom Cooler Outside Gym #3
36-04	10/10/2017 13:55	<0.500	15	Fountain – Pre-K Cooler #1
36-05	10/10/2017 13:31	<0.500	15	Fountain - Restroom Across from Room 403
36-06	10/10/2017 13:35	<0.500	15	Fountain - Restroom Across from Room 105
36-07	10/10/2017 13:40	501	15	Fountain - Cafeteria Cooler. (Note: water was shut off prior to sampling)

Shelby County Schools Water Quality Report
October 2017

School ID -37 School Name: Southwind Elementary Address: 8155 Meadowvale Dr.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
37-01	10/9/2017 13:55	<0.500	15	Fountain - E Wing Coolers #4
37-02	10/9/2017 13:56	1.55	15	Fountain - Gymnasium Cooler #2AD
37-03	10/9/2017 13:58	<0.500	15	Fountain - Boys Restroom Opposite Gym
37-04	10/9/2017 14:10	<0.500	15	Fountain - Opposite Cafeteria
37-05	10/9/2017 14:10	<0.500	15	Fountain - Cafeteria
37-06	10/9/2017 14:11	0.538	15	Kitchen Sink North Wall (3 Compartment)
37-07	10/9/2017 14:12	<0.500	15	Fountain -Next to Room 114

Shelby County Schools Water Quality Report
October 2017

School ID -38 School Name: Germanshire Elementary

Address: 3965 S. Germantown Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
38-01	10/9/2017 14:25	<0.500	15	Fountain – Multi-purpose Room cooler
38-02	10/9/2017 14:30	<0.500	15	Kitchen Sink (Compartment) Food Prep
38-03	10/9/2017 14:32	<0.500	15	Fountain - Cafeteria Cooler Hi-Lo
38-04	10/9/2017 14:36	<0.500	15	Fountain – Pre-K Cooler Next to Room A307
38-05	10/9/2017 14:37	<0.500	15	Fountain - Outside Teachers' Lounge
38-06	10/9/2017 14:39	<0.500	15	Fountain - Near Restrooms on E Hall
38-07	10/9/2017 14:42	<0.500	15	Fountain - Near Restrooms on L Hall

Shelby County Schools Water Quality Report
October 2017

School ID -39

School Name: Kirby High

Address: 4080 Kirby Parkway

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
39-01	10/10/2017 7:10	<0.500	15	Fountain - A Hall Women's' Room Cooler Near Room 116
39-02	10/10/2017 7:12	<0.500	15	Fountain - Outside Library
39-03	10/10/2017 7:19	<0.500	15	Kitchen Sink (3 Compartment)
39-04	10/10/2017 7:23	0.725	15	Fountain - Cafeteria Cooler
39-05	10/10/2017 7:28	0.539	15	Fountain - Gym Lobby, East Hall
39-06	10/10/2017 7:31	3.17	15	Fountain - Cafeteria Lobby, Hi
39-07	10/10/2017 7:36	0.704	15	Fountain - Cooler Outside Choir Room

Shelby County Schools Water Quality Report
October 2017

School ID -40

School Name: Ross Elementary

Address: 4890 Ross Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
40-01	10/10/2017 8:01	<0.500	15	Fountain - Cafeteria
40-02	10/10/2017 8:02	1.1	15	Kitchen Sink (3 Compartment)
40-03	10/10/2017 8:05	<0.500	15	Fountain - Main Lobby, Hi-Lo
40-04	10/10/2017 8:08	0.737	15	Fountain - Gymnasium Hi-Lo
40-05	10/10/2017 8:10	<0.500	15	Fountain - Hi-Lo Cooler Outside W23
40-06	10/10/2017 8:11	3.04	15	Fountain - Lo Cooler Outside E53
40-07	10/10/2017 8:15	<0.500	15	Fountain - 1stfloor Annex Near Room 124

Shelby County Schools Water Quality Report
October 2017

School ID -41 School Name: Robert R. Church Elementary Address: 4100 Mill Branch Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
41-01	10/10/2017 10:29	<0.500	15	Kitchen Sink (3 Compartment) Close to Rear Door
41-02	10/10/2017 10:31	<0.500	15	Fountain - Cafeteria
41-03	10/10/2017 10:33	<0.500	15	Fountain - Hall Next to Room 104M
41-04	10/10/2017 10:35	<0.500	15	Fountain – Outside Boys’ Restroom Next to Room 129J
41-05	10/10/2017 10:37	<0.500	15	Fountain – Hall Next to Room #B118M
41-06	10/10/2017 10:39	<0.500	15	Fountain - Hall Next to room #B110J
41-07	10/10/2017 10:41	<0.500	15	Fountain -in Classroom A115

Shelby County Schools Water Quality Report
October 2017

School ID -42 School Name: Newberry Elementary Address: 5540 Newberry Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
42-01	10/10/2017 7:42	<0.500	15	Cooler/Water Fountain - Cafeteria
42-02	10/10/2017 7:45	0.625	15	Kitchen Sink Next to Outside Door
42-03	10/10/2017 7:49	<0.500	15	Fountain -Next to Custodial Closet 1C in Annex Building
42-04	10/10/2017 7:51	<0.500	15	Fountain - Next to Custodial Closet 17B
42-05	10/10/2017 7:52	<0.500	15	Fountain - Bubbler Across from Room 8
42-06	10/10/2017 7:55	4.26	15	Fountain - Across from Room 3
42-07	10/10/2017 7:59	<0.500	15	Fountain - Next to 24A, Custodial Closet

Shelby County Schools Water Quality Report
October 2017

School ID -43 School Name: Highland Oaks Elementary

Address: 5252 Annandale Dr.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
43-01	10/10/2017 8:34	0.736	15	Cafeteria Sink (3 Compartment) West Call
43-02	10/10/2017 8:36	0.579	15	Fountain - Cafeteria Cooler
43-03	10/10/2017 8:39	<0.500	15	Fountain - Gym Boys' Cooler
43-04	10/10/2017 8:41	<0.500	15	Fountain -4 th Grade Outside Girls' Restroom RHS
43-05	10/10/2017 8:43	<0.500	15	Fountain – 5 th Grade Outside Boys' Restroom RHS
43-06	10/10/2017 8:47	<0.500	15	Fountain – Pre-K Cooler, RHS
43-07	10/10/2017 8:50	<0.500	15	Fountain – 2 nd & 3 rd Grade Cooler, Lo

Shelby County Schools Water Quality Report
October 2017

School ID -44 School Name: Highland Oaks Middle Address: 5600 Meadowbriar Trail

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
44-01	10/10/2017 9:02	<0.500	15	Fountain - Gymnasium Cooler Lo
44-02	10/10/2017 9:05	<0.500	15	Fountain - Cafeteria Cooler Hi
44-03	10/10/2017 9:07	<0.500	15	Kitchen Sink (3 Compartment) Food Prep
44-04	10/10/2017 9:10	<0.500	15	Fountain - Lobby Outside Cafeteria 500 Hall Hi
44-05	10/10/2017 9:15	<0.500	15	Fountain – 8 th Grade Cooler 300 Hall Lo
44-06	10/10/2017 9:17	<0.500	15	Fountain – 6 th Grade (A) 400 Hall Cooler
44-07	10/10/2017 9:21	<0.500	15	Fountain – 6 th Grade (B) 100 Hall Cooler

Shelby County Schools Water Quality Report
October 2017

School ID 45 School Name: Southwind High Address: 7900 East Shelby Dr.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
45-01	10/10/2017 9:39	<0.500	15	Kitchen Sink (3 Compartment) West Wall
45-02	10/10/2017 9:42	<0.500	15	Fountain - Café Restroom Lobby, Left
45-03	10/10/2017 9:45	<0.500	15	Fountain - 8 Hallway 130 Study hall
45-04	10/10/2017 9:47	<0.500	15	Fountain - Gym Cooler Lobby, 2nd from Right
45-05	10/10/2017 9:50	<0.500	15	Fountain - Drummer Hallway Restroom Cooler
45-06	10/10/2017 9:58	<0.500	15	Fountain – 2 nd Floor, G Hall Cooler
45-07	10/10/2017 9:59	<0.500	15	Fountain – 2 nd Floor, J Hall Cooler

Shelby County Schools Water Quality Report
October 2017

School ID -46 School Name: Sea Isle Elementary

Address: 5250 Sea Isle

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
46-01	10/10/2017 10:25	<0.500	15	Fountain - Hi-Lo Cooler Next to Boy's Restroom
46-02	10/10/2017 10:28	<0.500	15	Fountain – Cafeteria, Right
46-03	10/10/2017 10:31	0.532	15	Sink - Kitchen (3 Compartment) Right
46-04	10/10/2017 10:37	<0.500	15	Fountain - Hi-Lo Outside Room 123
46-05	10/10/2017 10:39	<0.500	15	Fountain -Hi-Lo Outside Room 226
46-06	10/10/2017 10:41	<0.500	15	Fountain - Cooler Outside Room 218
46-07	10/10/2017 10:44	<0.500	15	Fountain - Hi-Lo Outside Room 207

Shelby County Schools Water Quality Report
October 2017

School ID -47 School Name: Gardenview Elementary

Address: 4075 Hartz Dr.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
47-01	10/10/2017 9:30	2	15	Kitchen Sink (Two Compartment) Rear
47-02	10/10/2017 9:33	10.7	15	Fountain - South Fountain in Cafeteria
47-03	10/10/2017 9:35	13.6	15	Bubbler- Hall Across from Room 6
47-04	10/10/2017 9:38	9.31	15	Bubbler – Hall by Plant Manager's Office
47-05	10/10/2017 9:40	2.15	15	Bubbler – Hall Across from Library
47-06	10/10/2017 9:42	13.3	15	Bubbler – Hall Across from Room 15
47-07	10/10/2017 9:45	0.91	15	Fountain - Across from Room 35 Annex

Shelby County Schools Water Quality Report
October 2017

School ID -48 School Name: White Station Middle

Address: 5465 Mason Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
48-01	10/10/2017 11:01	<0.500	15	Fountain - Cafeteria Cooler
48-02	10/10/2017 11:05	<0.500	15	Kitchen Sink (3 Compartment)
48-03	10/10/2017 11:08	<0.500	15	Fountain - Auditorium Lobby Outside Women's Restroom
48-04	10/10/2017 11:11	<0.500	15	Fountain - Auditorium Lobby Outside Men's Restroom
48-05	10/10/2017 11:15	<0.500	15	Fountain - G Hall Girls' Restroom - Hi-Lo Cooler
48-06	10/10/2017 11:18	<0.500	15	Fountain - F Hall Boys' Restroom - Hi-Lo Cooler
48-07	10/10/2017 11:21	<0.500	15	Fountain - A Hall Girls' Restroom - Hi-Lo Cooler

Shelby County Schools Water Quality Report
October 2017

School ID -49 School Name: White Station Elementary

Address: 4840 Chickasaw Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
49-01	10/10/2017 11:35	<0.500	15	Fountain - Cafeteria Cooler
49-02	10/10/2017 11:37	<0.500	15	Kitchen Sink (3 Compartment) South wall
49-03	10/10/2017 11:39	<0.500	15	Fountain - Outside A138 Girls' Restroom
49-04	10/10/2017 11:40	<0.500	15	Fountain – Outside A129 Boys' Restroom
49-05	10/10/2017 11:43	<0.500	15	Fountain - Outside A120 Girl's Restroom
49-06	10/10/2017 11:48	<0.500	15	Fountain - Outside Room A101
49-07	10/10/2017 11:55	<0.500	15	Fountain - Outside Room A125

Shelby County Schools Water Quality Report
October 2017

School ID -50 School Name: Avon School

Address: 310 N. Avon Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
50-01	10/10/2017 12:03	<0.500	15	Fountain - Cafeteria Cooler
50-02	10/10/2017 12:05	1.17	15	Kitchen Sink (3 Compartment)
50-03	10/10/2017 12:07	<0.500	15	Fountain - Across from Room 140
50-04	10/10/2017 12:10	<0.500	15	Fountain - Across from Room 109
50-05	10/10/2017 12:13	<0.500	15	Fountain - Across from Room 219
50-06	10/10/2017 12:15	<0.500	15	Fountain - Across from Room 214
50-07	10/10/2017 12:17	<0.500	15	Sink - in Room 138

Shelby County Schools Water Quality Report
October 2017

School ID -51 School Name: Balmoral-Ridgeway ES

Address: 5905 Grosvenor Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
51-01	10/9/2017 7:00	<0.500	15	Fountain - Cafeteria Entry Line
51-02	10/9/2017 7:00	<0.500	15	Fountain - Bubbler Outside K-2 Girls
51-03	10/9/2017 7:00	<0.500	15	Fountain - Bubbler Outside Grade 3-5 Girls
51-04	10/9/2017 7:00	0.519	15	Fountain Bubbler Outside K-2 Boys
51-05	10/9/2017 7:00	<0.500	15	Fountain - Cafeteria Near exit, Hi
51-06	10/9/2017 7:00	<0.500	15	Fountain - Bubbler Grade 3-5 Near Boys' Restroom
51-07	10/9/2017 7:00	1.21	15	Sink - Cafeteria 2 Compartment Sink

Shelby County Schools Water Quality Report
October 2017

School ID -52

School Name: Ridgeway High

Address: 2009 Ridgeway Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
52-01	10/9/2017 7:35	<0.500	15	Fountain - Next to Elevator Equipment Room
52-02	10/9/2017 7:40	2.31	15	Kitchen Sink (3 Compartment)
52-03	10/9/2017 7:43	1.02	15	Fountain - Bubbler Outside Boys' & Girls' Restrooms Near Room A129
52-04	10/9/2017 7:30	0.946	15	Fountain - in Cafeteria Near Serving Line Entrance
52-05	10/9/2017 7:46	<0.500	15	Fountain - Gym Lobby, 2 nd from Right
52-06	10/9/2017 7:50	0.733	15	Fountain - 2 nd Floor Near Office
52-07	10/9/2017 7:55	1.29	15	Fountain - 3 rd Floor Bubbler Next to Elevator

Shelby County Schools Water Quality Report
October 2017

School ID -53 School Name: Ridgeway Middle

Address: 6333 Quince Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
53-01	10/9/2017 8:35	<0.500	15	Fountain - in Gym Near Locker Room
53-02	10/9/2017 8:39	<0.500	15	Fountain - Auditorium Lobby Cooler
53-03	10/9/2017 8:43	0.51	15	Kitchen Sink (3 Compartment)
53-04	10/9/2017 8:45	0.749	15	Fountain - Cafeteria Hi
53-05	10/9/2017 8:46	<0.500	15	Fountain - Cafeteria Cooler Lo
53-06	10/9/2017 8:50	<0.500	15	Fountain - 2 nd Floor Outside Boys' Restroom Lo
53-07	10/9/2017 8:55	<0.500	15	Fountain - 1 st Floor Outside Girls' Restroom, Main Lobby

Shelby County Schools Water Quality Report
October 2017

School ID -54 School Name: Ridgeway High Annex

Address: 2009 Ridgeway Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
54-01	10/9/2017 8:02	<0.500	15	Fountain - in Cafeteria, Hi-Lo Outside Kitchen
54-02	10/9/2017 8:03	<0.500	15	Kitchen Sink (3 Compartment)
54-03	10/9/2017 8:04	<0.500	15	Fountain - Next to S111 Ladies' Room
54-04	10/9/2017 8:06	<0.500	15	Fountain - Near 109 Men's Room
54-05	10/9/2017 8:08	<0.500	15	Fountain - Hi-Lo Outside Girls' Restroom
54-06	10/9/2017 8:10	<0.500	15	Fountain - Hi-Lo Outside Boys' Restroom Near 107
54-07	10/9/2017 8:15	0.567	15	Fountain - Cafeteria Near Serving Line Entrance.

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School ID 55

School Name: Belle Forest Elementary

Address: 3135 Ridgeway Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
55-01	10/9/2017 9:05	<0.500	15	Fountain - Cafeteria Hi-Lo Cooler
55-02	10/9/2017 9:07	<0.500	15	Kitchen Sink (3 Compartment) Food Prep
55-03	10/9/2017 9:10	<0.500	15	Fountain - - 1 st Grade Hallway
55-04	10/9/2017 9:15	<0.500	15	Fountain - Main Office Cooler
55-05	10/9/2017 9:20	<0.500	15	Fountain - in Kindergarten Wing
55-06	10/9/2017 9:25	<0.500	15	Fountain - - Near Room A108
55-07	10/9/2017 9:30	<0.500	15	Fountain - 2 nd Floor 5 th Grade Hall

Shelby County Schools Water Quality Report
October 2017

School ID -56 School Name: Ridgeway Early Center Address: 3435 Ridge Meadows Pkwy.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
56-01	10/9/2017 9:35	<0.500	15	Fountain - Next to Kitchen
56-02	10/9/2017 9:38	<0.500	15	Kitchen Sink (2 Compartment) Food Prep
56-03	10/9/2017 9:40	<0.500	15	Fountain - Hi Cooler Next to Room 134 Storage
56-04	10/9/2017 9:41	<0.500	15	Fountain - Lo Cooler Next to Room 134 Storage
56-05	10/9/2017 9:42	<0.500	15	Fountain - Outside Public Restroom

Shelby County Schools Water Quality Report
October 2017

School ID -57 School Name: Windridge Elementary Address: 3500 Ridgeway Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
57-01	10/9/2017 9:55	<0.500	15	Kitchen Sink (Compartment Sink)
57-02	10/9/2017 10:00	<0.500	15	Fountain - Cafeteria Cooler Lo, Near Serving Entrance
57-03	10/9/2017 10:02	<0.500	15	Fountain - Cafeteria West Wall, Hi
57-04	10/9/2017 10:03	<0.500	15	Fountain - Cafeteria West Wall, Lo
57-05	10/9/2017 10:04	<0.500	15	Fountain - B Hall Cooler Hi
57-06	10/9/2017 10:05	<0.500	15	Fountain - 3 rd Grade Hall Cooler Hi
57-07	10/9/2017 10:07	<0.500	15	Fountain – 5 th Grade Hall Cooler Hi

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October 2017

School ID -58 School Name: Melrose High

Address: 2870 Deadrick

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
58-01	10/9/2017 6:55	0.844	15	Sink - Kitchen sink
58-02	10/9/2017 6:57	0.768	15	Fountain - in Cafeteria
58-03	10/9/2017 6:59	1.41	15	Fountain - in Cafeteria (Near Dish Washing Room)
58-04	10/9/2017 7:00	<0.500	15	Fountain - Across from Cafeteria Near Room 118
58-05	10/9/2017 7:03	<0.500	15	Fountain - Next to Girls' Restroom in front of Auditorium
58-06	10/9/2017 7:05	32.9	15	Fountain - Next to Boys' Restroom in Front of Auditorium
58-07	10/9/2017 7:07	<0.500	15	Sink - in Concession Stand

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October 2017

School ID -59

School Name: Hickory Ridge Middle

Address: 3920 Ridgeway Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
59-01	10/9/2017 10:25	<0.500	15	Fountain - Outside Boys' Locker Room
59-02	10/9/2017 10:27	0.558	15	Fountain - Cafeteria Lo
59-03	10/9/2017 10:30	<0.500	15	Kitchen Sink (3 Compartment)
59-04	10/9/2017 10:31	<0.500	15	Fountain - Cafeteria Hi
59-05	10/9/2017 10:33	<0.500	15	Fountain - Auditorium Lobby Hi
59-06	10/9/2017 10:35	<0.500	15	Fountain - 7 th Grade Hall Cooler "Elkay" cooler 3 rd from Left.
59-07	10/9/2017 10:40	<0.500	15	Fountain - 2 nd Floor 6 th Grade Hall, Cooler 3 rd from Left.

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October 2017

School ID -60 School Name: Hickory Ridge Elementary Address: 3890 Hickory Hill Rd

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
60-01	10/9/2017 10:50	<0.500	15	Fountain – Girls’ Restroom B-Hall Opposite Office.
60-02	10/9/2017 10:55	<0.500	15	Fountain – Boys’ Restroom C Hall South
60-03	10/9/2017 11:00	<0.500	15	Fountain - Cafeteria “ADA” Cooler
60-04	10/9/2017 11:05	<0.500	15	Kitchen Sink (3 Compartment) West Wall
60-05	10/9/2017 11:10	<0.500	15	Fountain - Cafeteria “Sunroc” Cooler
60-06	10/9/2017 11:15	<0.500	15	Fountain - Outside Girls’ restroom, C-Hall North Hi
60-07	10/9/2017 11:20	<0.500	15	Fountain - Outside Boys’ Restroom, B- hall East

Shelby County Schools Water Quality Report
October 2017

School ID -61 School Name: Cherokee Elementary

Address: 3061 Kimball Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
61-01	10/9/2017 7:30	1.93	15	Fountain - Hall Bubbler #2 Across Room 121
61-02	10/9/2017 7:20	<0.500	15	Fountain - Cafeteria
61-03	10/9/2017 7:18	1.3	15	Kitchen Sink Next to Hand Sink
61-04	10/9/2017 7:35	1.24	15	Sink - Teachers' Lounge Room 145
61-05	10/9/2017 7:31	<0.500	15	Fountain - Hall Cooler Across from Room 105
61-06	10/9/2017 7:25	2.13	15	Fountain - Hall Bubbler Across from Room 138
61-07	10/9/2017 7:27	<0.500	15	Fountain - Next to Girls' Restroom Across from Room 138

Shelby County Schools Water Quality Report
October 2017

School ID -62 School Name: Crump Elementary

Address: 4405 Crump Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
62-01	10/9/2017 11:17	1.01	15	Kitchen Sink (3 Compartment)
62-02	10/9/2017 11:20	0.755	15	Fountain - Cafeteria Cooler, Hi
62-03	10/9/2017 11:23	1.99	15	Fountain - Outside Restrooms Next to Teachers' Lounge, Hi
62-04	10/9/2017 11:26	0.658	15	Fountain - Outside Restrooms, 3 rd Grade Hall, Hi
62-05	10/9/2017 11:30	<0.500	15	Fountain - Outside Restrooms, 1 st & 4 th Grade Hall, Hi
62-06	10/9/2017 11:32	<0.500	15	Fountain - Gymnasium Cooler
62-07	10/9/2017 11:34	<0.500	15	Fountain - Outside Boys Restroom, Near Room 41

Shelby County Schools Water Quality Report
October 2017

School ID -63 School Name: Sherwood Elementary

Address: 1156 Robinhood Ln.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
63-01	10/9/2017 7:55	0.578	15	Fountain - 1 st Floor
63-02	10/9/2017 8:00	<0.500	15	Fountain - Bubbler Outside Cafeteria
63-03	10/9/2017 7:50	3.29	15	Kitchen Sink Next to Exit Door
63-04	10/9/2017 7:52	<0.500	15	Fountain - Cooler Near Cafeteria Serving Line
63-05	10/9/2017 7:57	<0.500	15	Fountain - Near Exit
63-06	10/9/2017 8:05	<0.500	15	Fountain - Near 2 nd Story
63-07	10/9/2017 8:03	<0.500	15	Fountain - Near Stairs

Shelby County Schools Water Quality Report
October 2017

School ID -64 School Name: American Way Middle

Address: 3805 American Way

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
64-01	10/9/2017 9:22	<0.500	15	Fountain - Front Lobby/Atrium - Near 6 th Next to Restrooms
64-02	10/9/2017 9:40	<0.500	15	Fountain - Back Atrium Between Restrooms.
64-03	10/9/2017 9:47	<0.500	15	Fountain - Cafeteria
64-04	10/9/2017 9:50	0.82	15	Kitchen Sink Under Clock
64-05	10/9/2017 9:52	<0.500	15	Fountain - Across from Band Room F201
64-06	10/9/2017 9:55	<0.500	15	Sink - Teacher Planning Room, D 214 (Blue Hall)
64-07	10/9/2017 10:00	0.704	15	Sink - Teacher Planning Room C214 (Green Hall)

Shelby County Schools Water Quality Report
October 2017

School ID 65 School Name: Sherwood Middle

Address: 3480 Rhodes Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
65-01	10/9/2017 8:15	1.75	15	Fountain - Bubblers Outside Boys' Restroom, Next to Room 111
65-02	10/9/2017 8:19	0.641	15	Sink - Kitchen Sink Next to Back Door
65-03	10/9/2017 8:21	1.11	15	Fountain - in Cafeteria Near Kitchen, Right Side
65-04	10/9/2017 8:23	3.53	15	Fountain - in Cafeteria Near Kitchen, Left Side
65-05	10/9/2017 8:26	3.37	15	Fountain - Bubblers Outside Cafeteria – in Hallway in Front of Gym
65-06	10/9/2017 8:30	1.93	15	Fountain - Bubblers Outside "Restroom", Across from Room 108
65-07	10/9/2017 8:35	3.66	15	Fountain - Bubblers Outside Boys' Restroom, Next to Room 101

Shelby County Schools Water Quality Report
October 2017

School ID -66 School Name: Getwell Elementary Address: 2795 Getwell Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
66-01	10/9/2017 9:15	0.614	15	Sink - Kitchen Sink Next to Stove
66-02	10/9/2017 9:20	<0.500	15	Fountain – Cafeteria Cooler Next to Window
66-03	10/9/2017 9:22	<0.500	15	Fountain - Hallway Outside Cafeteria Near Restrooms
66-04	10/9/2017 9:25	<0.500	15	Fountain - Near Room B116
66-05	10/9/2017 9:26	<0.500	15	Fountain - Across from Room B102
66-06	10/9/2017 9:27	<0.500	15	Fountain - Across from A102
66-07	10/9/2017 9:28	<0.500	15	Sink - Teacher's Lounge Sink (Room 102)

Shelby County Schools Water Quality Report
October 2017

School ID -67 School Name: South Park Elementary

Address: 1720 Getwell Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
67-01	10/9/2017 9:12	<0.500	15	Sink - Kitchen Sink Facing Exit Door
67-02	10/9/2017 9:15	<0.500	15	Fountain - Cafeteria Cooler
67-03	10/9/2017 9:17	<0.500	15	Fountain - Between Restroom - Across from Main Office.
67-04	10/9/2017 9:20	<0.500	15	Fountain - Between Pre-K Restrooms- Next to Room 219
67-05	10/9/2017 9:23	<0.500	15	Fountain - Outside Room 224
67-06	10/9/2017 9:25	<0.500	15	Fountain - Outside Girls' Restroom Next to Member Room
67-07	10/9/2017 9:30	<0.500	15	Sink – Teachers' Lounge Sink

Shelby County Schools Water Quality Report
October 2017

School ID -68 School Name: Knight Road Elementary

Address: 3237 Knight Rd.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
68-01	10/9/2017 14:01	<0.500	15	Sink - Kitchen Sink Next to Outside Door
68-02	10/9/2017 14:05	1.59	15	Fountain - Cafeteria Next to Line A
68-03	10/9/2017 14:09	<0.500	15	Fountain - Hall Bubbler in front of Room 24, Media Room
68-04	10/9/2017 14:10	1.25	15	Fountain - Hall Bubbler with In-line Filter Across from Room 23
68-05	10/9/2017 14:12	1.14	15	Fountain - Hall Bubbler at Entrance C across from Room 301
68-06	10/9/2017 14:15	<0.500	15	Fountain - Hall C Across from Room 301
68-07	10/10/2017 8:50	3.66	15	Fountain - Hall Next to Room 37

Shelby County Schools Water Quality Report
October 2017

School ID -69 School Name: Shrine School

Address: 4259 Forestview Dr.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
69-01	10/9/2017 13:10	0.57	15	Fountain - Outside Girls' Restrooms Across from Room 9
69-02	10/9/2017 13:13	<0.500	15	Sink - Kitchen Sink, Room2
69-03	10/9/2017 13:15	1.45	15	Sink -Middle Room Sink Room 30 Pre-K
69-04	10/9/2017 13:20	0.763	15	Fountain - Outside Gym (Between Gym & Pool)
69-05	10/9/2017 13:22	0.525	15	Fountain - Across from Room 49, Teachers' Lounge
69-06	10/9/2017 13:25	17.1	15	Fountain - Near Side Entrance (in Front of Front Doors)
69-07	10/9/2017 13:27	1.35	15	Sink- Room 32, Pre-K

Shelby County Schools Water Quality Report
October 2017

School ID -70 School Name: Sheffield CTC

Address: 4350 Chuck

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
70-01	10/9/2017 13:35	0.589	15	Fountain - Across from Room 119
70-02	10/9/2017 13:37	2.34	15	Kitchen Sink (Culinary Arts Large Pot Sink)
70-03	10/9/2017 13:40	<0.500	15	Fountain - Cooler Next to Room 134 Clinic
70-04	10/9/2017 13:43	1.14	15	Fountain - Cooler Inside Clinic
70-05	10/9/2017 13:46	1.17	15	Sink – Teachers' Lounge Sink (the Grove)
70-06	10/9/2017 13:50	<0.500	15	Fountain - Inside Shop Area

Shelby County Schools Water Quality Report
October 2017

School ID -71 School Name: Goodlett Elementary

Address: 3001 Goodlett St.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
71-01	10/9/2017 10:45	4.72	15	Sink - Kitchen
71-02	10/9/2017 10:47	<0.500	15	Fountain – Right of Kitchen
71-03	10/9/2017 10:50	<0.500	15	Fountain – Near Building Engineer Office
71-04	10/9/2017 10:52	<0.500	15	Fountain- Outside Room 111
71-05	10/9/2017 10:55	1.99	15	Fountain- Outside Room 105
71-06	10/9/2017 10:57	<0.500	15	Fountain- Outside Boiler Room
71-07	10/9/2017 11:00	1.88	15	Sink – Teacher’s Lounge

Shelby County Schools Water Quality Report
October 2017

School ID -72 School Name: Sharpe Elementary

Address: 3431 Sharpe Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
72-01	10/9/2017 8:45	<0.500	15	Fountain - Kitchen
72-02	10/9/2017 8:47	2.23	15	Sink - Kitchen
72-03	10/9/2017 8:50	<0.500	15	Fountain - Bubbler Outside Cafeteria
72-04	10/9/2017 8:57	<0.500	15	Fountain - Hallway
72-05	10/9/2017 8:59	<0.500	15	Fountain - Near Exit
72-06	10/9/2017 9:01	0.882	15	Fountain - Bubbler Outside Boys RR
72-07	10/9/2017 9:03	<0.500	15	Fountain - Outside Girls' Restroom

Shelby County Schools Water Quality Report
October 2017

School ID -73 School Name: Sheffield High

Address: 4315 Sheffield Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
73-01	10/9/2017 11:15	5.8	15	Sink - Kitchen Sink Next to Refrigerator
73-02	10/9/2017 11:18	0.708	15	Fountain - in Cafeteria Right Side
73-03	10/9/2017 11:02	<0.500	15	Fountain - Across from Room 108
73-04	10/9/2017 11:25	<0.500	15	Fountain - ROTC building
73-05	10/9/2017 11:30	<0.500	15	Fountain - Gym Lobby (Outside Utility Room)
73-06	10/9/2017 11:35	11	15	Fountain - Teachers' Lounge 1 st Floor, Room 119E
73-07	10/9/2017 11:40	0.538	15	Fountain - Outside Room 101M (Mechanical Room)

Shelby County Schools Water Quality Report
October 2017

School ID -74 School Name: Sheffield Elementary

Address: 4290 Chuck Ave.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
74-01	10/9/2017 12:41	<0.500	15	Fountain- Cafeteria Next to Serving Line (Outside 113C)
74-02	10/9/2017 12:46	1.89	15	Sink -Kitchen (Dish).
74-03	10/9/2017 12:50	1.08	15	Fountain- Bubbler next to Plant Manager's Office (Outside Room 111)
74-04	10/9/2017 12:53	<0.500	15	Fountain- Outside Restrooms Next to Room 123
74-05	10/9/2017 12:55	<0.500	15	Fountain- Outside 2 nd Story Boys' (Next to Room 214, Library)
74-06	10/9/2017 13:00	0.548	15	Sink – in Teachers' Lounge, Room 115, Outside Restroom.

Shelby County Schools Water Quality Report
October 2017

School ID: 75 School Name: Fox Meadows Elementary

Address: 2960 Emerald St.

Sample ID	Sampled Date & Time	Result Total Lead µg/L	Action Level µg/L	Comment/ Note
75-01	10/10/2017 8:09	0.759	15	Sink -Kitchen Sink Next to Outside Door
75-02	10/10/2017 8:12	1.22	15	Fountain- Cafeteria
75-03	10/10/2017 8:15	<0.500	15	Fountain- Across from Room B109
75-04	10/10/2017 8:20	<0.500	15	Fountain- Outside Girls' Restrooms, Across from Room 100
75-05	10/10/2017 8:27	0.5	15	Sink -Teachers' Lounge (Room C221)
75-06	10/10/2017 8:28	<0.500	15	Fountain- Left of Girls' Restroom Across from Room C214
75-07	10/10/2017 8:30	<0.500	15	Fountain- 2 nd Story Outside Girls' Restroom Across from Room C200

APPENDIX C

LABORATORY REPORTS AND CHAINS OF CUSTODY